

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L57	4	56 not 52	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/15 18:19
L56	15	(US-20030107530-\$).did. or (US-6206781-\$ or US-6811273-\$ or US-4711452-\$ or US-5580055-\$ or US-6315289-\$ or US-5752881-\$ or US-6027115-\$ or US-6129355-\$ or US-4621815-\$ or US-5209477-\$ or US-5284344-\$).did. or (JP-2001087458-\$ or JP-2001062032-\$ or JP-2001353255-\$).did.	US-PGPUB; USPAT; JPO	OR	ON	2006/04/15 18:18
L55	10	49 not 54	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/15 18:18
L54	9	49 and 52	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/15 18:18
L53	10	49 not 52	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/15 18:18
L52	25	("20030107530" "20030109304" "31 95402" "4306716" "4711452" "5326 104" "5406300" "5464213" "558005 5" "5584764" "5609524" "5670971"  "5752881" "5836818" "6027115" " 6056642" "6129355" "6206781" "62 65984" "6278419" "6315289" "6368 216" "6383073" "6512607").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/15 18:17
L48	20	("20020074725" "4198052" "541540 4" "5489101" "5540441" "5580053"  "5732950" "5807172" "5816916" " 5823873" "6004208" "6220959" "62 41607" "6270405" "6322445" "6354 593" "6485366" "6595520" "665237 7" "6676511").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/15 18:17
L51	0	(48 and 49)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/15 18:16
L50	16	49 not 48	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/15 18:16

## EAST Search History

L49	19	(US-20030107530-\$).did. or (US-6206781-\$ or US-6811273-\$ or US-4711452-\$ or US-5580055-\$ or US-6315289-\$ or US-5584764-\$ or US-5752881-\$ or US-6027115-\$ or US-6129355-\$ or US-4621815-\$ or US-5209477-\$ or US-5423540-\$ or US-5284344-\$ or US-RE35226-\$ or US-4099722-\$).did. or (JP-2001087458-\$ or JP-2001062032-\$ or JP-2001353255-\$).did.	US-PGPUB; USPAT; JPO	OR	ON	2006/04/15 18:07
L47	0	(gallium with diode with organic) and ("463"/\$.ccls. or "273"/\$.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/15 18:07
L46	0	(gallium with diode with organic) and ("463"/\$.ccls. or "273"/\$.ccls.)	US-PGPUB; USPAT; JPO	OR	ON	2006/04/15 17:40
L45	0	43 and (gallium organic)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/15 17:39
L44	5	43 and color\$5	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/15 17:39
L43	17	(US-20030107530-\$).did. or (US-6206781-\$ or US-6811273-\$ or US-4711452-\$ or US-5580055-\$ or US-6315289-\$ or US-5584764-\$ or US-5752881-\$ or US-6027115-\$ or US-6129355-\$ or US-4621815-\$ or US-5209477-\$ or US-5423540-\$ or US-5284344-\$ or US-RE35226-\$ or US-4099722-\$).did. or (JP-2001087458-\$).did.	US-PGPUB; USPAT; JPO	OR	ON	2006/04/15 17:39
L42	4	((multi adj color) with diode\$3) and ("463"/\$.ccls. or "273"/\$.ccls.)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/15 17:03
L41	1	(organic with diode with wavelength) and ("463"/\$.ccls. or "273"/\$.ccls.)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/15 17:03
L40	284	(organic with diode with wavelength)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/15 17:03
L39	1	("20040132522").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/15 16:58
L38	3	((("2001353255") or ("2001087458") or ("2001062032")).PN.	EPO; JPO	OR	OFF	2006/04/15 16:52

## EAST Search History

L37	1	("2001353255").PN.	EPO; JPO	OR	OFF	2006/04/15 15:27
L36	0	("2001353255").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/15 15:27
L35	1	"2001353255"	EPO; JPO	OR	ON	2006/04/15 15:27
L34	1	"2001353255"	EPO; JPO	OR	ON	2006/04/15 15:27
L33	0	2001-353255	EPO; JPO	OR	ON	2006/04/15 15:26
L32	11	2001-353255	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/15 15:26
L29	1	("2001087458").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/04/15 15:12
L31	0	("2001-062032").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/04/15 15:00
L30	0	("JP2001062032A").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/04/15 15:00
L28	0	("JP2001087458").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/04/15 14:56
L27	3	("1260928").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/04/15 14:56
L26	2	("1260928").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/15 14:56
L25	0	("US2003087690A1").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/15 14:55
L24	0	("2003087690").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/15 14:55
L23	0	(YAMAGUCHI with TAKU).in.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/15 14:52
L22	12678	(YAMAGUCHI TAKU).in.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/15 14:52

## EAST Search History

L21	6	((audiovisual) with system).ti. and ("463"/\$.ccls. or "273"/\$.ccls.)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/15 14:52
L20	0	((audio adj visual) with system).ti. and ("463"/\$.ccls. or "273"/\$.ccls.)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/15 14:44
L19	14	("5580055").PN. OR ("6027115").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/15 14:44
L18	73	17 and ((reel).ti. or (reel).ab.)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/15 14:32
L17	167	((multiple plurality) with (illuminat\$5 light\$3 highlight\$3) with reel) and ("463"/\$.ccls. or "273"/\$.ccls.)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/15 14:32
L16	493	((multiple plurality) with (illuminat\$5 light\$3 highlight\$3) with reel)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/15 14:31
L15	2	(pattern with diod\$3 with reel)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/15 14:31
L14	9	(kazuki with emori).in.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/15 14:30
L13	25	((multiple plurality) with diod\$3 with reel)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/15 14:29
L12	50	11 and (light\$3 illuminat\$3 highlight\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/15 14:25
L11	88	(reel).ti. and ("273"/143\$.ccls.)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/15 13:56
L10	2	3 and ("273"/\$.ccls.)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/15 13:55
L9	0	8 not 7	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/15 13:54
L8	13	("2035084"   "2545644"   "4249737"   "4262906"   "4534560"   "4621815"   "4711452"   "4765078"   "4773648"   "4874172"   "4912389").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/15 13:54
L3	157	(reel with structure).ti.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/15 13:54

## EAST Search History

L7	13	("2035084"   "2545644"   "4249737"   "4262906"   "4534560"   "4621815"   "4711452"   "4765078"   "4773648"   "4874172"   "4912389").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/15 13:52
L6	0	("RE35226").URPN.	USPAT	OR	ON	2006/04/15 13:52
L5	1	("5284344").URPN.	USPAT	OR	ON	2006/04/15 13:52
L4	6	(reel with structure).ti. and (gam\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/15 13:51
L2	273	(reel with device with comprising). clm. and ("463"/\$.ccls. or "273"/\$. ccls.)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/15 12:54
L1	620	(reel with comprising).clm. and ("463"/\$.ccls. or "273"/\$.ccls.)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/15 12:54
S48	18	S45 S46	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/15 10:24
S47	1	("20030064799").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/15 10:18
S46	9	("4618150"   "4624459"   "5024439"   "5695188"   "5713572"   "5803451"   "5848932"   "5954422"   "6056642").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/15 10:16
S45	11	("4618150"   "4718672"   "4993713"   "5010995"   "5018737"   "5127651"   "5380008"   "5580055"   "5609524"   "5695188"   "5704835").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/15 10:16
S44	1	("6699122").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/14 20:41
S43	29	((selectiv\$5 with (illuminat\$5 light\$5 highlight\$5)) same reel) and ("463"/\$.ccls. or "273"/\$.ccls.)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/14 20:41
S42	5	S41 and color\$3	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/14 19:30
S41	13	(US-20030107530-\$).did. or (US-6206781-\$ or US-6811273-\$ or US-4711452-\$ or US-5580055-\$ or US-6315289-\$ or US-5584764-\$ or US-5752881-\$ or US-6027115-\$ or US-6129355-\$ or US-4621815-\$ or US-5209477-\$ or US-5423540-\$). did.	US-PGPUB; USPAT	OR	ON	2006/04/14 19:30

## EAST Search History

S40	14	("5580055").URPN.	USPAT	OR	ON	2006/04/14 19:29
S39	12	((dense density) with (light\$5 illuminat\$5) with (diode\$3 or LED\$1)) and ("463"/\$.ccls. or "273"/\$.ccls.)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/14 19:29
S38	1	("5580055").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/14 19:28
S37	12	(reel\$.ti. and (diod\$5) and (273/138\$.ccls. or 273/143\$.ccls.)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/14 19:25
S36	94	(reel\$.ti. and (273/138\$.ccls. or 273/143\$.ccls.)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/14 19:24
S35	5	S33 S34	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/14 19:23
S34	5	(reel with assembly).ti. and (273/138\$.ccls. or 273/143\$.ccls.)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/14 19:23
S33	1	(reel with assembly).ti. and (463/16-47.ccls.)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/14 19:21
S32	25	(assembly).ti. and (463/16-47.ccls.)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/14 19:21
S30	36	(visual\$3 effect\$3).ti. and (463/16-33.ccls.)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/14 19:21
S31	0	(visual\$3 with effect\$3).ti. and (463/16-33.ccls.)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/14 19:20
S29	6	S27 S28	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/14 19:20
S28	2	(light\$5 illuminat\$5).ti. and 273/143\$.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/14 19:19
S27	5	(light\$5 illuminat\$5).ti. and 273/138\$.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/14 19:19
S24	30	(light\$5 illuminat\$5).ti. and 463/16-33.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/14 19:19
S26	92	S25 not S24	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/14 18:51

## EAST Search History

S25	92	S16 not S17	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/14 18:50
S23	3	("1260928").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/04/14 18:48
S22	0	(2003/087690).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/14 18:48
S21	0	("2003087690").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/14 18:47
S20	0	((2002/175446) or (2002/077172)). CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/14 18:47
S19	0	((("2002175446") or ("2002077172"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/14 18:46
S18	0	(dens\$5 with (center middle) with (light\$3 illuminat\$3) with diod\$5) and ("463"/\$.ccls. or "273"/\$.ccls.)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/14 18:46
S17	90	S16 and (463/16-33.ccls.)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/14 18:40
S16	182	((array matrix density) with light\$3 with diod\$5) and ("463"/\$.ccls. or "273"/\$.ccls.)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/14 18:39
S15	11	("3729193" "5362052" "5411258" "6089981" "6117009" "6118860" "6135884" "6135887" "6159095" "6233565" "6641478").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/14 18:33
S14	15	S13 and (reel with (device assembly))	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/14 18:02
S13	212	(light\$5 illuminat\$5 diod\$5).ti. and (463/16-34.ccls. or "273"/\$.ccls.)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/14 17:58
S12	2384075	(light\$5 illuminat\$5 diod\$5)".ti." and (463/16-34.ccls. or "273"/\$.ccls.)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/14 17:58
S11	31	(selectiv\$3 with (light\$5 illuminat\$5) with diod\$3) and ("463"/\$.ccls. or "273"/\$.ccls.)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/14 17:56
S10	2	(select\$5 with (light\$5 illuminat\$5) with diod\$3) and (gallium) and ("463"/\$.ccls. or "273"/\$.ccls.)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/14 17:54

## EAST Search History

S9	147	(select\$5 with (light\$5 illuminat\$5) with diod\$3) and ("463"/\$.ccls. or "273"/\$.ccls.)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/14 17:53
S8	1	("20040132522").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/14 17:52
S7	1	("6315289").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/14 17:41
S6	26	S4 S5	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/14 17:32
S5	1	("6612575").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/14 17:21
S4	25	("20030107530" "20030109304" "3195402" "4306716" "4711452" "5326104" "5406300" "5464213" "5580055" "5584764" "5609524" "5670971" "5752881" "5836818" "6027115" "6056642" "6129355" "6206781" "6265984" "6278419" "6315289" "6368216" "6383073" "6512607").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/14 17:21
S3	4	(reel with (illumin\$5 or light\$5)).ti. and ("463"/\$.ccls. or "273"/\$.ccls.)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/14 17:20
S2	821	(reel with (illumin\$5 or light\$5)) and ("463"/\$.ccls. or "273"/\$.ccls.)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/14 17:08
S1	6622	(reel with (illumin\$5 or light\$5))	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/14 17:08